

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1878	250/227.11,577.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 08:42
L2	403693	optic\$2 with (fiber fibre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 08:43
L3	1065	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 08:43
L4	10	("4769290"   "4796365"   "4901123"   "4990970"   "5042157"   "5079845"   "5272476"   "5311603"   "5608234"   "5748350").PN. OR ("6262415"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 08:54
L5	172	250/227.25.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:38
L6	67	2 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:48
L7	1719	385/12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:48
L8	68	73/170.32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:48

## EAST Search History

L10	7	((optic\$2 with (fiber fibre)) and (water liquid fluid ocean sea river) and (sediment sand rock gravel contaminant contaminat\$3 impurity) and (coupler) and (light laser source illumination) and (detector sensor photodiode (photo adj3 diode) receiver)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:51
L11	0	1 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:51
L12	0	7 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:51
L13	0	8 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:51
L14	1828	(optic\$2 with (fiber fibre)) and (water liquid fluid ocean sea river) and (sediment sand rock gravel contaminant contaminat\$3 impurity) and (coupler) and (light laser source illumination) and (detector sensor photodiode (photo adj3 diode) receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 09:54
S2	403368	optic\$2 with (fiber fibre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:00
S3	7722	250/559.01-559.49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:00

## EAST Search History

S4	954	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:01
S5	317	73/170.32,170.29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:01
S6	9	S2 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:04
S7	867036	scour sand sediment\$3 rock gravel dirt silt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 15:36
S8	218709	(detect\$3 sens\$3 monitor\$3 observ\$3 view\$3 track\$3) same S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:07
S9	229563	(detect\$3 sens\$3 monitor\$3 observ\$3 view\$3 track\$3 imag\$3) same S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 16:00
S10	3176	S2 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:08
S11	3541	S2 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:08

## EAST Search History

S12	26	("4289398" "5143041" "5754284" "5968371" "6286363" "6574425" "6594004" "6611322" "6644095" "5784338" "5790471" "6084393" "6526189").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:09
S13	3	"20030117154"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:24
S14	1466281	scour sand sediment\$3 rock gravel dirt silt contaminant contaminat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:20
S15	12	("4289398"   "4968880"   "5151966"   "5383015"   "5448059"   "5708500"   "5784338"   "5790471"   "6046797"   "6100700"   "6121894").PN. OR ("6526189"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 14:21
S16	29691	S2 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:24
S17	3541	S16 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:29
S18	50	S3 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:25
S19	2248	73/293,170.29,170.32,61.71,53.01, 61.69,61.65,61.68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:31

## EAST Search History

S20	63	S2 and S19 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:31
S21	63	S20 not S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:57
S22	1717	385/12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:57
S23	63	S2 and S7 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:57
S24	62	S23 not S20 not S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:58
S25	16	("20030094281"   "20040113104"   "4450434"   "4714829"   "5191206"   "5422495"   "5581648"   "5641230"   "5699795"   "5771091"   "5814524"   "6016435"   "6130439"   "6216540"   "6239865"   "6678541").PN. OR ("6970247"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:15
S26	63804	"356"/\$7.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:15
S27	756	S2 and S7 and S26	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:15
S28	410710	S14 same (liquid water river ocean\$2 sea fluid)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:02
S29	206	S27 and S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:36

## EAST Search History

S30	711	324/326,332,344.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:36
S31	29	S2 and (scour sand sediment\$3 rock gravel dirt silt impurity) and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 15:39
S32	1390052	(scour sand sediment\$3 rock gravel dirt silt impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 15:39
S33	365572	(detect\$3 sens\$3 monitor\$3 observ\$3 observation view\$3 identify\$3 determin\$3 determination identification track\$3 imag\$3) same S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 16:01
S34	6696	S2 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 16:01
S35	4708	S34 and (liquid water river ocean\$2 sea fluid oil)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:03
S36	459282	"250"/\$7.ccls. "73"/\$7.ccls. "385"/\$7.ccls. "356"/\$7.ccls. "324"/\$7.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:03
S37	1477	S35 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:04
S38	1104	S37 not S20 not S18 not S23 not S27 not S29 not S31	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:52
S39	3231	S35 not S37	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:53
S40	20272	reflect\$3 with (coefficient (co adj3 efficient))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:53
S41	67	S39 and S40	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:53

## EAST Search History

S42	2	"5743135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 16:57
S43	26	("0352647"   "2655045"   "3065354"   "3713338"   "3864577"   "3947692"   "4014010"   "4247784"   "4256403"   "4354180"   "4397183"   "4732035"   "4938590"   "5054319"   "5159834"   "5194747"   "5257539").PN. OR ("5743135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:58